

MIURA CO.,LTD.

Head Office: 7 Horie, Matsuyama 799-2696

URL: <http://www.miuraz.co.jp>

Issued January 25, 2017

New model ballast water management system HK from MIURA

MIURA CO.,LTD. (Head Office: Matsuyama, Ehime, President & CEO: Daisuke Miyauchi, hereinafter MIURA), Japan's leading manufacturer of small once-through boilers, has announced a model change for the Ballast Water Management System HK (hereinafter "HK"). Shipping of the new models will begin from April 1, 2017.

MIURA began selling the HK in October 2014 and it has been installed on various vessel types and sizes in response to the requests of customers. In order to be able to respond further to the requirements of customers, a major improvement of the ballast water management system has now been implemented, particularly of the filter that is one of the main equipment of the system.

[Features]

Compact filter size that reduces the total height

The equipment height has been reduced to around 2/3 that of the conventional models by raising the filtration efficiency of the filter and improving the accessory devices. In addition, the arrangement of the accessory piping and components, etc. was reconsidered so that installation close to a wall and highly flexible layout are now possible. For both newly constructed vessels and retrofitting, these changes have made installation possible on vessel sizes that previously had restrictions regarding carry-in and installation. Furthermore, the maintainability has been improved as maintenance space is secured.

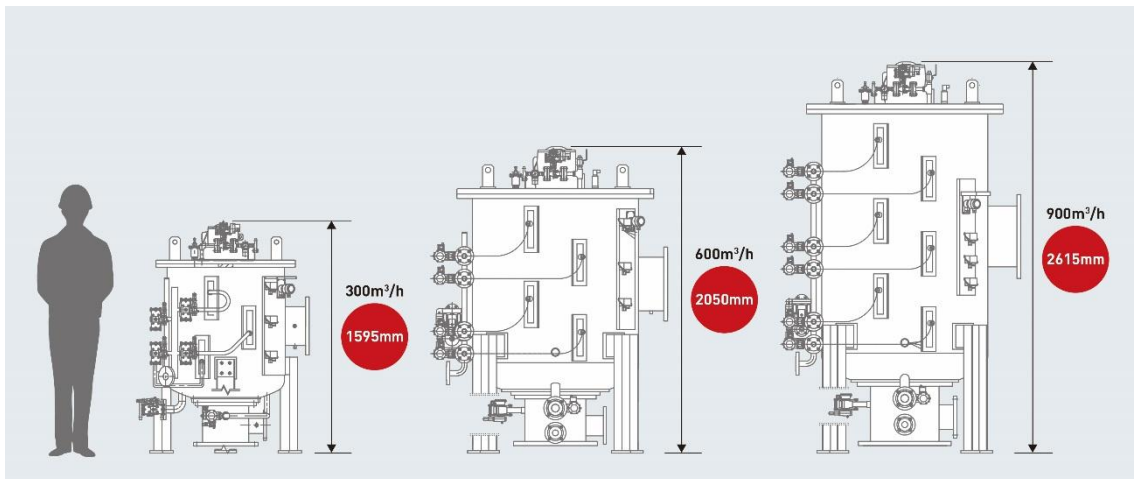
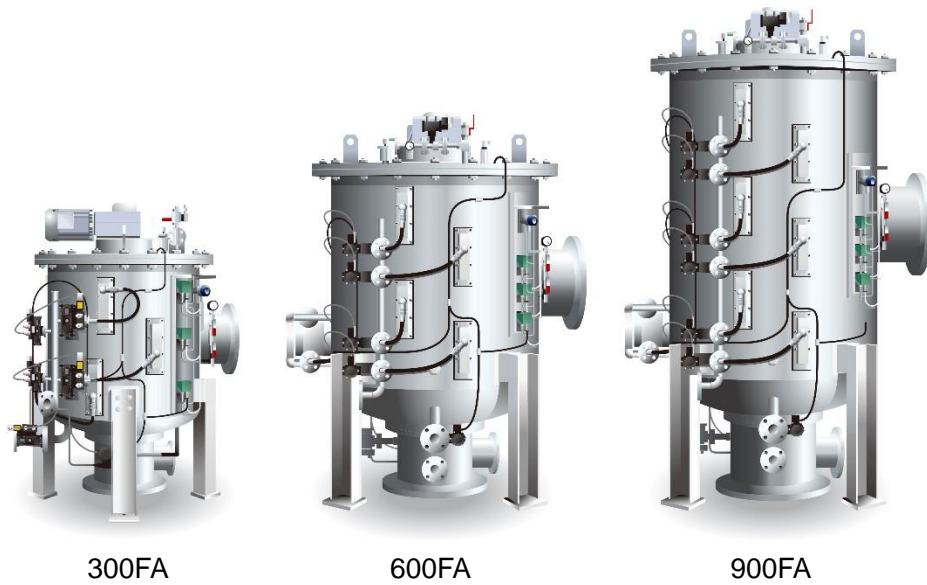
Filter filtration efficiency

By further improving the MIURA original filter structure, the treatment flow rate was secured, the passage resistance was reduced and a size reduction was achieved. In the same way as previously, L sized organisms of 50 μm and above is firmly captured.

Automation from washing to storage

By automating the processes from the washing after the completion of the ballast water treatment up to the storage, trouble is prevented and also the workload for the operation, maintenance and management of the ballast water management system is reduced.

The environmental testing for the acquisition of USCG type approval has been started. We will continue to work to respond further to the requests of customers and to contribute to the conservation of the marine environment globally.



Planned start date for shipping
April 1, 2017

| Capacity | m ³ /h | Filter type | |
|----------|-------------------|-------------|--|
| 300 | 300FA | 300FEA | |
| 600 | 600FA | 600FEA | |
| 900 | 900FA | 900FEA | |

(FEA: Explosion-proof type)

▼ Enquiries:
Ship machinery department
Promotion division
Tel: (+81) 89 979 7060 Fax: (+81)89 979 7067
Mail: hakuyo_eka@miuraz.co.jp